

## DESIGN PANEL NO. 10 - 3/6/97

### CLCS DEVELOPMENT ENVIRONMENT SYSTEMS ENGINEERING - OSCAR BROOKS

#### DESIGN PANEL 3

##### “TOPICS”

- Description of Requirements (SOW) Implementation.
- System Interface Diagrams.
- Data Flow Diagram.
- Presentation package includes the following:
  - CDE Software Development Life Cycle (SDLC) standards and procedures
  - Local Area Networks and Communications
  - Development-related Tools
  - Environments
  - Software CM/Software Builds
  - System Administration Services
  - Security Services.
- Move of SDE1 from EDL to PCC schedule is available.

##### ARCHITECTURAL ISSUES RESOLVED

None

##### ACTIONS

- Select, procure and integrate regression test tool(s) necessary for automated regression testing of system software at the following levels:
  - call
  - CSCI I/F
  - API I/F
  - subsystem
  - string (system)Minimize impact of open system procurement. Provide both text-based and GUI-based test scripting.
- Metrics to be include in Software Development

##### ACTIONEE

##### DUE DATE

##### STATUS

Dave Reinhardt

5/6/97

In Work

Larry Wilhelm

3/13/97

In Work

## DESIGN PANEL NO. 10 - 3/6/97

### CLCS SOFTWARE DESIGN TOOL SURVEY - COLEMAN DUGGER

#### ISSUES

- Original objectives was for a single tool to cover software design for C (structured) and C++ (OOA/OOD).
- Based upon data from the Market Survey, it was realized that Software Design Tools supported development on either structured or OOA/OOD, but NOT both.
- The Software Design Tool Survey changed scope to focus on the OOA/OOD approach.
- Structured Design Tools would be the focus of another survey.

#### ACTIONS

- Select the Design Tool from the following options:
  - Mix of Graphical Designer and Paradigm Plus
  - All Paradigm Plus
  - All Graphical Designer.

#### ACTIONEE

#### DUE DATE

#### STATUS

Larry Wilhelm/  
Ben Bryant

3/13/97

In Work